APPENDIX D

PRODUCT IDENTIFIER

Table D-2. NWS AWIPS Graphic Product Identifiers

Character	*Description*
2	*"P"*
3	*Forecast Model or Run* *A = Aviation Model* *B = Eta Model* *F = LFM (ERL MOS)* *H = Hurricane* *I = Manual Output* *L = LFM (ERL)* *M = MRF* *R = RGL (RAFS)* *S = RGL (RAFS Perfect Prog)* *T = TDL/Trajectory* *X = unknown or undefined*
4-5	*01 thru 95 = Level of Atmosphere (x10) in Hectopascals (hPa)* *99 = 1000 MB* *AI = Air Properties at Surface of Earth or Ocean* *LW = Land/Water Properties at Surface of Earth* *HL = High Level Aviation* *LL = Low Level Aviation* *FL = Level of Zero Degree Centigrade Isotherm* *SF = Surface* *OC = Ocean Surface* *SL = Mean Sea Level* *MW = Level of Maximum Wind* *TR = Level of Tropopause* *BL = Boundary Layer* *K5 = 1000 MB to 500 MB* *S5 = Surface to 500 MB* *A5 = 850 MB to 500 MB* *NA = Not Applicable* *If the type of meteorological parameter (Characters 11 to 16) is "WNDZ" for wind on a constant elevation or "TMPZ" for temperature on a constant elevation, then the level code is 01 thru 99 = Elevation in thousands of feet, e.g. , 18 equals 18,000 feet.*
6-8	*Forecast Delta Time* *RANGE UNITS FOR EXAMPLE* *000-199 Hour 036 = 36-hour forecast* *200-299 12 Hours 220 = 240-hour = 10-day forecast* *300-399 Month 306 = 6 Months* *400-499 Year 430 = 30 Years* *999 The delta time is unknown or not applicable*

Character	Description

9-10 Geographic Area (Map Background)

SH = Southern Hemisphere (Mercator)
NH = Northern Hemisphere (Polar Stereographic)
EH = Eastern Hemisphere (Mercator)
WH = Western Hemisphere (Mercator)
PA = Pacific (Mercator)
AH = Atlantic (Mercator)
CN = CONUS National (Polar Stereographic)
AN = Alaska National (Polar Stereographic)
HN = Hawaii National (Mercator)
PN = Puerto Rico National (Polar Stereographic)
EC = Eastern CONUS Regional (Lambert Conformal)
WC = Western CONUS Regional (Lambert Conformal)
AR = Alaska Regional (Polar Stereographic)
HR = Hawaii Regionnl (Mercator)
PR = Puerto Rico Regional (Mercator)
LO = Local Area (Lambert Conformal)
FO = Forecast Office Area (Local Stereographic)

11-16 Meteorological or Oceanographic Parameter
Left-justified character string with NULL (binary zero) fill.

AIRSTG = AIR STAGNATION
DRY 1 = DROUGHT/HEAT SEVERITY MAP #1
DRY2 = DROUGHT/HEAT SEVERITY MAP #2
DRY3 = DROUGHT/HEAT SEVERITY NAP #3
DRY4 = DROUGHT/HEAT SEVERITY MAP #4
DRYCH1 = DROUGHT/HEAT SEVERITY CHART #1
DRYCH2 = DROUGHl/HEAT SEVERITY CHART #2
DRYCH3 = DROUGHT/HEAT SEVERITY CHART #3
DRYCH4 = DROUGHT/HEAT SEVERITY CHART #4
DRYHY1 = HYDROLOGIC CONDITIONS MAP #1
DRYHY2 = HYDROLOGIC CONDITIONS MAP #2
FNT = FRONTS
HGT = HEIGHT OF CONSTANT-PRESSURE SFC
HGTAN = HEIGHT-ANOMALY
IXK = K-INDEX
IXL = LIFTED INDEX
IXL4 = 4-LAYER LIFTED INDEX
MAXMIN = MAX OR MIN TEMPS
MAXT = MAX TEMPERATURE
MAXTAN = MAX TEMP - ANOMALY (FOR 5-DAY PERIOD)
MAXTNR = MAX TEMP - NORMAL (FOR 5-DAY PERIOD)
MENTAN = MEAN TEMP - ANOMALY CLASSES (FOR 5-DAY PERIOD)
MENTNR = MEAN TEMP - NORMAL (FOR 5-DAY PERIOD)
MINT = MIN TEMPERATURE
MINTAN = MIN TEMP - ANOMALY (FOR 5-DAY PERIOD)
MINTNR = MIN TEMP - NORMAL (FOR 5-DAY PERIOD)
MOIST = MOISTURE CONVERGENCE
PCPTOT = PCPN TOTAL - CLASSES (FOR 5-DAY PERIOD)
PCPNR = PCPN - NORMAL (FOR 5-DAY PERIOD)
PCPXSV = EXCLSV RAIN OTLK.
PCPWTR = PRECIPITABLE WATER
PCP3MO = PCPN - ANOMALY PROB (FOR 3-MONTH PERIOD)
POSV4 = MOS PROB SVR WX
POTST = MOS PROB THUNDERSTORM
POP = MOS PROB PRECIP
POPT = MOS CATEGORICAL POPT
PRS = PRESSURE

PRSCHG = PRESSURE CHANGE
QP6 = PRECIP AMOUNT (6-HOUR ACCUM)
QP12 = PRECIP AMOUNT (12-HOUR ACCUM)
RDR = RADAR
RH = RELATIVE HUMIDITY
RHMEAN = RELATIVE HUMIDITY - MEAN
SIGWX = SIGNIFICANT WEATHER
SNOCOV = SNOW COVER
SNOFAL = SNOW FALL
SNOHVY = HEAVY SNOW
STRLIN = STREAMLINE
THK = THICKNESS (HEIGHT DIFFERENCE)
TJDEW = TRAJECTORY DEWPOINT
TJPARE = TRAJECTORY PARCEL-EAST
TJPARW = TRAJECTORY PARCEL-WEST
TJTMP = TRAJECTORY TEMPERATURE
TMP = TEMPERATURE
TMPZ = TEMPERATURE ON CONSTANT ELEVATION LEVEL
TMP3MO = TEMPERATURE - ANOMALY PROB (FOR 3 -MONTH PERIOD)
VOT = VORTICITY
VOTGEO = GEOSTROPHIC VORTICITY
VVEL = VERTICAL VELOCITY
VWS = VERTICAL WIND SHEAR
WAVDIR = OCN PRIMARY WAVE DIRECTION
WAVHGT = OCN SIGNIF WAVE HGT
WAVPER = OCN PRIMARY WAVE PERIOD
WNDPLT = WIND (PLOTS)
WNDATL = WIND (PLOTS) - ATLANTIC
WNDPAC = WIND (PLOTS) - PACIFIC
WND = WIND
WNDGEO = GEOSTROPHIC WIND
WNDZ = WIND ON CONSTANT ELEVATION LEVEL
WXDEP = WEATHER DEPICTION
WXDEPC = WEATHER DEPICTION - CONTOURS